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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: UMD0067US.NP

Inventors: Welsh et al.

Serial No.: 10/565,417

Filing Date: Not Yet Assigned

Examiner: Not Yet Assigned

Customer No.: 46046

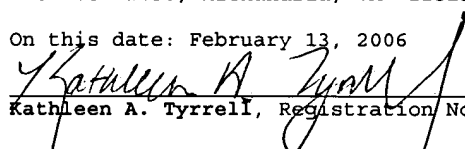
Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Title: Systems and Methods for Microarray Data Analysis

I, Kathleen A. Tyrrell, Registration No. 38,350, certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

On this date: February 13, 2006

  
Kathleen A. Tyrrell, Registration No. 38,350

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.
- ( ) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
- ( ) Certification in Accordance with §1.97(e) is attached hereto; or
- ( ) Authorization to charge Deposit Account No. 50-1619 the fee of \$180.00 as set forth in §1.17(p) is provided.
- ( ) In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I) (1).
- (XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

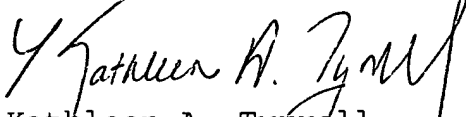
( ) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

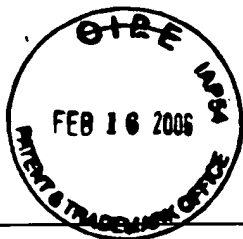
Respectfully submitted,

  
Kathleen A. Tyrrell  
Registration No. 38,350

Date: February 13, 2006

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Sheet 01 of 02

<b>Form PTO-1449 Modified</b> <b>List of Patents and Publications</b> <b>Cited by Applicant</b> (Use several sheets if necessary)  U.S. Department of Commerce	Docket No. <b>UMD0067US.NP</b>	Serial No. <b>10/565,417</b>
	Applicant <b>Welsh et al.</b>	
	Filing Date <b>Not Yet Assigned</b>	Group <b>Not Yet Assigned</b>

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AA	2002/0169560	11-14-02	Hytopoulos et al.	702	19
	AB	6,496,834	12-17-02	Cereghini et al.	707	102
	AC	2002/0178150	11-28-02	Hytopoulos et al.	707	3

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES	NO

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. <b>UMD0067US.NP</b>	Serial No. <b>10/565,417</b>
		Applicant <b>Welsh et al.</b>	
		Filing Date <b>Not Yet Assigned</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	BA	Muro et al., "Identification of expressed genes linked to malignancy of human colorectal carcinoma by parametric clustering of quantitative expression data", Genome Biology 2003 4(3):R21-R21.10	
	BB	Ouyang et al., "Gaussian mixture clustering and imputation of microarray data", Bioinformatics 2004 20(6):917-923	
	BC	Yeung et al., "Model-based clustering and data transformations for gene expression data", Bioinformatics 2001 17(10):977-987	
EXAMINER		DATE CONSIDERED	